TJ... (signature)

PCT09

SK

RAW SEQUENCE LISTING   DATE: 09/10/2001
PATENT APPLICATION: US/09/913,763   TIME: 11:29:41

Input Set : A:\00025315.txt
Output Set: N:\CRF3\09102001\I913763.raw

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   3 <110> APPLICANT: Tagg, et al.
   5 <120> TITLE OF INVENTION: Lantibiotic
   7 <130> FILE REFERENCE: 512585-2001
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/913,763
C--> 9 <141> CURRENT FILING DATE: 2001-08-17
   9 <150> PRIOR APPLICATION NUMBER: NZ 500261
  10 <151> PRIOR FILING DATE: 1999-10-12
  12 <160> NUMBER OF SEQ ID NOS: 7
  14 <170> SOFTWARE: PatentIn version 3.0
  16 <210> SEQ ID NO: 1
  17 <211> LENGTH: 6
  18 <212> TYPE: PRT
  19 <213> ORGANISM: Streptococcus salivarius
  21 <400> SEQUENCE: 1
  23 Gly Gly Gly Val Ile Gln
  24 1               5
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  27 <211> LENGTH: 111
  28 <212> TYPE: DNA
  29 <213> ORGANISM: Streptococcus salivarius
  31 <220> FEATURE:
  32 <221> NAME/KEY: CDS
  33 <222> LOCATION: (37)..(111)
  35 <400> SEQUENCE: 2
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  37                                         Gly Gly Gly Val Ile Gln
  38                                         1               5
  40 acc att tca cac gaa tgt cgt atg aac tca tgg cag ttc ttg ttt act    102
  41 Thr Ile Ser His Glu Cys Arg Met Asn Ser Trp Gln Phe Leu Phe Thr
  42             10              15              20
  44 tgt tgc tct                                                        111
  45 Cys Cys Ser
  46         25
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  50 <211> LENGTH: 25
  51 <212> TYPE: PRT
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  54 <400> SEQUENCE: 3
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  57 1               5                   10                  15
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  65 <211> LENGTH: 153
  66 <212> TYPE: DNA
  67 <213> ORGANISM: Streptococcus salivarius
  69 <220> FEATURE:
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  70 <221> NAME/KEY: CDS
  71 <222> LOCATION: (88)..(153)
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  74 atgattgcca tgaaaaactc aaaagatatt ttgaacaatg ctatcgaaga agtttctgaa   60
  76 aaagaactta tggaagtagc tggtggt aaa aga ggt aca ggt tgg ttt gca act   114
  77   Lys Arg Gly Thr Gly Trp Phe Ala Thr
  78   1   5
  80 att act gat gac tgt cca aac tca gta ttc gtt tgt tgt   153
  81 Ile Thr Asp Asp Cys Pro Asn Ser Val Phe Val Cys Cys
  82 10   15   20
  85 <210> SEQ ID NO: 5
  86 <211> LENGTH: 22
  87 <212> TYPE: PRT
  88 <213> ORGANISM: Streptococcus salivarius
  90 <400> SEQUENCE: 5
  92 Lys Arg Gly Thr Gly Trp Phe Ala Thr Ile Thr Asp Asp Cys Pro Asn
  93 1   5   10   15
  96 Ser Val Phe Val Cys Cys
  97   20
 100 <210> SEQ ID NO: 6
 101 <211> LENGTH: 7
 102 <212> TYPE: PRT
 103 <213> ORGANISM: Streptococcus salivarius .
 105 <220> FEATURE:
 106 <223> OTHER INFORMATION: corresponding probe sequence
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 110 Ser Trp Gln Phe Leu Phe Thr
 111 1   5
 113 <210> SEQ ID NO: 7
 114 <211> LENGTH: 21
 115 <212> TYPE: DNA
 116 <213> ORGANISM: Artificial Sequence
 118 <220> FEATURE:
 119 <223> OTHER INFORMATION: probe sequence
 121 <220> FEATURE:
 122 <221> NAME/KEY: misc_feature
 123 <222> LOCATION: (1)..(21)
 124 <223> OTHER INFORMATION: 'n' can be any nucleotide 'a','g','c' or 't'; and
 125   'r' can be either 'a' or 'g'
 128 <400> SEQUENCE: 7
W--> 129 tcntggcaat ttttrtttac t   21

VERIFICATION SUMMARY   DATE: 09/10/2001
PATENT APPLICATION: US/09/913,763   TIME: 11:29:42

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7